

19970612.ba ba-por01.491 ba-por01.492 ba-por01.493  
>1491  
>From owner-boatanchors@sco.theporch.com Wed Jun 11 00:02 CDT 1997  
>Received: from sco.theporch.com (sco.theporch.com [207.234.31.38])  
> by uro.theporch.com (8.8.6.Beta5/A-UX-3.0.1) with ESMTP id AAA19343  
> for <SHIMSHON@URO.THEPORCH.COM>; Wed, 11 Jun 1997 00:02:40 -0500 (CDT)  
>Received: from sco.theporch.com (localhost [127.0.0.1])  
> by sco.theporch.com (8.8.6.Beta5/SCO-5.0.2) with SMTP id FAA10064;  
> Wed, 11 Jun 1997 05:02:23 GMT  
>Message-Id: <199706110502.FAA10064@sco.theporch.com>  
>Date: Wed, 11 Jun 1997 00:02:22 CDT  
>Sender: owner-boatanchors@theporch.com  
>From: boatanchors@theporch.com  
>To: Amateur Radio Equipment Using Vacuum Tubes <boatanchors@sco.theporch.com>  
>Subject: BOATANCHORS digest 1491  
>Mime-Version: 1.0  
>Content-Type: multipart/mixed; boundary="--  
\_\_ListProc\_\_NextPart\_\_866005157433002578"  
>X-Listprocessor-Version: 8.1 -- ListProcessor(tm) by CREN  
>Status: 0

#### BOATANCHORS Digest 1491

Topics covered in this issue include:

- 1) Harvey Wells Info Needed  
by radionostalgia@serv2.fwi.com (Jack C. Shutt)
- 2) Harvey Wells Info Needed  
by radionostalgia@serv2.fwi.com (Jack C. Shutt)
- 3) Strange Basement  
by "Dick Dillman" <ddillman@igc.apc.org>
- 4) Trade: PRC-25 Mil vhf field phone  
by Keith Heitzmann <kk5fe@communique.net>
- 5) ID?  
by "Dick Dillman" <ddillman@igc.apc.org>
- 6) Shure Mics  
by rlahlum@juno.com (Ross J Lahlum)

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Date: Wed, 11 Jun 1997 01:44:10 -0500  
From: radionostalgia@serv2.fwi.com (Jack C. Shutt)  
To: boatanchors@theporch.com  
Subject: Harvey Wells Info Needed  
Message-ID: <199706110142.UAA24563@serv2.fwi.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hello Anchorites:

Would anyone happen to have a manual for the Harvey Wells TBS-50 and TBS-50C transmitters? I'm also looking for info on the APS-50 power supply and the accessory preamp for Hi Z mike input.

I picked up a couple of these rigs and would like to get them on the air.

I am looking for the matching VFO if one of those might also be floating around somewhere out there in boatanchor land.

I will be happy to pay copy and postage costs for a manual copy.

73, Jack, N9GT

\*\*\*\*\*  
\*\*\*\*\*  
\*\*\*\*\*  
Jack C. Shutt, N9GT  
radionostalgia@mail.fwi.com  
(219)493-3901

-----  
Date: Wed, 11 Jun 1997 01:45:48 -0500  
From: radionostalgia@serv2.fwi.com (Jack C. Shutt)  
To: boatanchors@theporch.com  
Subject: Harvey Wells Info Needed  
Message-ID: <199706110145.UAA24854@serv2.fwi.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>To: boatanchors@the porch.com  
>From: radionostalgia@mail.fwi.com (Jack C. Shutt)  
>Subject: Harvey Wells Info Needed  
>  
>Hello Anchorites:  
>  
>Would anyone happen to have a manual for the  
>Harvey Wells TBS-50 and TBS-50C transmitters?  
>I'm also looking for info on the APS-50 power

>supply and the accessory preamp for Hi Z mike  
>input.  
>  
>I picked up a couple of these rigs and would like  
>to get them on the air.  
>  
>I am looking for the matching VFO if one of those  
>might also be floating around somewhere out  
>there in boatanchor land.  
>  
>I will be happy to pay copy and postage costs  
>for a manual copy.  
>  
>73, Jack, N9GT  
>  
>\*\*\*\*\*  
>  
>\*\*\*\*\*  
Jack C. Shutt, N9GT  
radionostalgia@mail.fwi.com  
(219)493-3901

-----  
Date: Tue, 10 Jun 97 18:17:47 PST  
From: "Dick Dillman" <ddillman@igc.apc.org>  
To: boatanchors@theporch.com, whispell@aol.com, ccurrie@ix.netcom.com,  
tucradio@igc.org  
Subject: Strange Basement  
Message-ID: <76654.ddillman@igc.apc.org>

I ran into him at one of the most low-rent fleamarkets in the area. The variometer on broken ceramic insulators caught my eye among all the other junk strewn about his stall. We talked a bit and he said he had "lots of military radios" at his place that were too heavy to bring to the flea market. My ears perked up as would those of any good radio wacko and I asked if I could come see them.

If it didn't know it already I realized I was getting into a bit of a strange scene when the only contact available proved to be by pager. But after several tries the date was set, the address given and I rolled over there this evening.

It wasn't hard to pick out the house. The grass was several inches

taller than on any of the neighbor's lawns. The drapes were drawn tight across the windows. The railings were missing from the stairway. A woman answered the door with a cigarette dangling and said "he'll meet you at the garage door" by way of greeting. My small glimpse inside revealed the place to be a shambles.

So I stood by the garage door as various chains were removed and locks undone. The door was raised to reveal... some kind of American car up on jack stands, hood gone, a hole in the pan literally big enough to put your fist through, and piles of junk of every description fading away into the darkness. And it was dark of course because the electricity had been shut off long ago. We made our way by flashlight beam to the various nooks and corners where disemboweled radios, boxes of parts, old frying pans, ammunition, plastic bags of teddy bears, cable, connectors, CB radios, etc. etc. were revealed. My dreams of intact military sets faded quickly.

What we had here, radio wise, were the remains of some guy's estate, who was clearly a true-blue radio nut. "He was over 100 when he died, held one of the first three ham licenses issued..." or so the story went. I wished I could find his call on some of the old stuff as I know the must appear in the section reports of some of my early QSTs.

I came home with an antique wicker valise filled with tubes. "I've got four others just like it..." but I knew it was hopeless to think they'd be found. So now I'm gazing at my tubes. I see everything from 75s to a 117Z6. My TV-10/U is out for service so I will be a while before I know how many are good, if any.

Obsessive interests often lead one to strange places...

73,

Dick

Dick Dillman  
WPE2VT W6AWO  
<ddillman@igc.apc.org>  
Collector of Heavy Metal:  
Harleys, Willys and Radios Over 100lbs.

-----  
Date: Tue, 10 Jun 1997 22:07:31 -0500 (CDT)  
From: Keith Heitzmann <kk5fe@communique.net>  
To: boatanchors@sco.theporch.com  
Subject: Trade: PRC-25 Mil vhf field phone

Message-ID: <2.2.16.19970610220745.389fcb08@mail.communique.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi All,

Have a PRC-25 VHF FM 30-52 / 53-75 mhz for trade.

Has the H-189/GR electro-voice handset and antenna, (looks like a tape measure!)

Condition is clean and in good condition, case has no dents but has some paint wear over it.(maybe 25% of it) The face is pretty good, still has most the white paint on the raised lettering. The military has also painted some numbers on it. Missing dust cover for the bnc ant jack, and (I think) the cover for the main antennna.

Has the power cover and the rubber cover for the two audio in-puts.

Works well with one military battery installed.

I would rather trade for something, don't know what though. Maybe one of the smaller type of tube radios, National, Hallicrafter, whatever.

If you have any other questions please email direct. I am trying to describe it as well as I can. Don't think this is a collectors piece, it has been used. So go accordingly.

If someone need this for a collection and have nothing to trade, I may be conviced to take \$.

Take care everybody,

Keith KK5FE

-----  
-----Keeper of all that I buy-----  
-----AMI# 837-----  
-----Visit my vintage Radio Web Site-----  
-----http://www.communique.net/~kk5fe---  
-----

-----  
Date: Tue, 10 Jun 97 18:44:33 PST  
From: "Dick Dillman" <ddillman@igc.apc.org>  
To: boatanchors@theporch.com  
Subject: ID?

Message-ID: <78106.ddillman@igc.apc.org>

Greetings, folks. I wonder if you might help me identify some items that have been in my inventory for a while.

The first is still in its wax sealed box as packed in April, 1945. The label describes it as:

Stock 2C252, Pre-Amplifier Kit K-1, Consisting of 1 Microphone Pre-Amplifier, R.A.F. number 110U/60, Packard-Bell Type K-1, Complete with tubes JAN 28D7 and JAN 6SL7-GT, Instruction Book, PL-55 Plug Assembly, R.A.F number 110H/3803 and Terminal Block TM-199, R.A.F. number 110H/826

The second, of which I actually have two, is a headphone/microphone assembly consisting of black PTT "Microphone, Hand, No. 7" with bell shaped rubber mouthpiece and a pair of real head-crusher phones with no nomenclature but dated 1943 on one set. These are terminated in "Plug, 5 Point, No. 5, ZA 1853" which has a cone shaped body and a triangular male fitting with the five contact points. For some reason I think these are for the WS set No. 19 but I don't remember why!

I'd appreciate any help in identifying these. Do the "R.A.F." numbers for the pre-amplifier really mean Royal Air Force? Are the headsets really for the No. 19 set? Are these items useful to anyone?

Regards,

Dick

Dick Dillman  
WPE2VT W6AWO  
<ddillman@igc.apc.org>  
Collector of Heavy Metal:  
Harleys, Willys and Radios Over 100lbs.

-----  
Date: Wed, 11 Jun 1997 00:33:35 EDT  
From: rlahlum@juno.com (Ross J Lahlum)  
To: baswaplist@foothill.net, boatanchors@theporch.com  
Subject: Shure Mics  
Message-ID: <19970610.233214.6318.0.rlahlum@juno.com>

Saw a couple of old Shure mics at a local shop today.  
One was a model 51, the other was a 91A27.  
Anybody know what they'd be worth?

73,  
Ross KB9JJR  
rlahlum@juno.com

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End of BOATANCHORS Digest 1491

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>1492  
>From owner-boatanchors@sco.theporch.com Wed Jun 11 17:46 CDT 1997  
>Received: from sco.theporch.com (sco.theporch.com [207.234.31.38])  
> by uro.theporch.com (8.8.6.Beta5/A-UX-3.0.1) with ESMTP id RAA20356  
> for <SHIMSHON@URO.THEPORCH.COM>; Wed, 11 Jun 1997 17:46:23 -0500 (CDT)  
>Received: from sco.theporch.com (localhost [127.0.0.1])  
> by sco.theporch.com (8.8.6.Beta5/SCO-5.0.2) with SMTP id WAA26642;  
> Wed, 11 Jun 1997 22:42:38 GMT  
>Message-Id: <199706112242.WAA26642@sco.theporch.com>  
>Date: Wed, 11 Jun 1997 17:42:38 CDT  
>Sender: owner-boatanchors@theporch.com  
>From: boatanchors@theporch.com  
>To: Amateur Radio Equipment Using Vacuum Tubes <boatanchors@sco.theporch.com>  
>Subject: BOATANCHORS digest 1492  
>Mime-Version: 1.0  
>Content-Type: multipart/mixed; boundary="--  
\_\_ListProc\_\_NextPart\_\_866068953433034476"  
>X-Listprocessor-Version: 8.1 -- ListProcessor(tm) by CRENN  
>Status: 0

BOATANCHORS Digest 1492

Topics covered in this issue include:

- 1) WTB: National NCX-500  
by ARONGV@aol.com
- 2) A QSO at last!  
by "Roberta J. Barmore" <rbarmore@indy.net>
- 3) Re: Ranger I/II Mod Xfmr  
by "JOHN A. KING (WA1ABI)" <JAK@SUD2.ED.RAY.COM>
- 4) ARRL Handbook  
by "Michael J. Wade" <wade@iquest.net>
- 5) stamps ,tags on R390A  
by Rolf Jansson <rolf.jansson@ub.umu.se>
- 6) HELP: suitable ARC-5/R-28 dynamotor?  
by eb5agv@ctv.es
- 7) What is this part?  
by jkh@lexis-nexis.com (John Heck)
- 8) Re: What is this part?

- by "Lloyd A. Scott, Jr." <wpul11130@concentric.net>
- 9) RT-654A/TRC-77  
by TPHAAK@monsanto.com
- 10) BC-348  
by Mac Shawe <macshawe@erols.com>
- 11) Ranger I/II mod xfmr's are the same  
by Doug Hall <dhall@jps.com>
- 12) SP-600 BFO Coil Wanted  
by Bob Login <jlogin@gville.mindspring.com>
- 13) KWS1 parts  
by Ronnie Hull <w5sum@ms1.nwla.com>
- 14) CD-370 Pwr Cord  
by avidov@juno.com (avi bendov)
- 15) [Fwd: Free (Big) Antennas (You Haul)]  
by wb9iog <wb9iog@revealed.net>
- 16) WTB  
by avidov@juno.com (avi bendov)
- 17) Re: [Fwd: Free (Big) Antennas (You Haul)]  
by rsolomon@tsd.textron.com
- 18) moving to 7060  
by sinned@VNET.IBM.COM
- 19) Need info on 6LB6 tubes  
by standard@pcs.mb.ca (Gary Smith)
- 20) 7060 time changes  
by sinned@VNET.IBM.COM
- 21) Re: moving to 7060  
by Ken Gordon <keng@uidaho.edu>
- 22) FS: Swan 700-CX & misc  
by "Dale N. Richardson" <aa5xe@cibola.net>
- 23) HELP:R-388 calibrator crystal  
by "JOSE V. GAVILA (EB5AGV/EC5AAU)" <eb5agv@ctv.es>
- 24) Re: KWS1 parts  
by Roland S Geter Sr <wb6lna@primenet.com>
- 25) "Mike 5" and "Andrews" on 7040 SSB?  
by dfrancis@iex.net (Dexter Francis)
- 26) need manual  
by leeboo@ct.net (Leon Wiltsey)
- 27) avidov: CD-370 Pwr Cord  
by avidov@juno.com (avi bendov)
- 28) Kings N-connector  
by Joe Eide <jeide@eau.net>
- 29) Eico model 628 Tube Tester FS \$30  
by Allen Tucholski <allent@en.com>
- 30) Re: need manual  
by Ken Gordon <keng@uidaho.edu>
- 31) Re: [VSS:1355] Triplet meter info needed  
by Paul Nelson <drhydro@ames.net>



-----  
Date: Wed, 11 Jun 1997 02:47:06 -0400 (EDT)  
From: ARONGV@aol.com  
To: boatanchors@theporch.com  
Cc: baswaplist@foothill.net  
Subject: WTB: National NCX-500  
Message-ID: <970611024705\_-696014807@emout03.mail.aol.com>

Hi Gang:

Looking for an NCX-500 transceiver in very good condition electronically and physically. I'm in ZIP code 66203 area.

Try me at ARONGV@aol.com first, then 913-268-5973. I work at home, so I check E-mail until 1 AM CST and I answer the phone until 7:00 CST. Can pick up 100 miles of Kansas City.

Ron W00IZ

-----  
Date: Wed, 11 Jun 1997 01:48:06 -0500 (EST)  
From: "Roberta J. Barmore" <rbarmore@indy.net>  
To: BA <boatanchors@sco.ThePorch.com>, glowbugs <glowbugs@www.atl.org>  
Subject: A QSO at last!  
Message-ID: <Pine.SUN.3.96.970611012248.1825A-100000@indy2>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi!

Well, the log said nil since Nov '96. I finally decided maybe it was the transmitter, and hooked up the Jones single-6L6 breadboard job. Wow, what a difference! Hunted around 40 at 11:00p EST (0400GMT) and didn't hear much (what's that stuff on 7050? AMTOR? Rat bellowings?). Settled on 7060kc, did a sloppy 3x3x2 and blam! N3XWQ comes back, 589 (QSB, alas) and we spend about ten minutes on the usual pleasentries. (He was getting frustrated with the QSB--I was 459 at best; and let's not talk about what my CW was like 'til I warmed up).

About 24W input for the little breadboard job, and clear as a bell in the receiver--the previous lash-up tended to whoop. Loads up nicely, too. (50pF variable off a center-tap on the plate coil, and they warn it won't tune on some antennas. Doesn't mind a 40m doublet!) Going to have to

shunt up the 100mA meter--pointer wants to go around a couple of times 'til I find the dip! (Metal zeroing adj, so it's in the cathode lead which doesn't help any). Had the tension too loose on the "wishbone" WW II key at first--no fun to send with one hand and screw down the spring with the other, mindful of the 450V at key-up! Well, it's kinda fun, in a twisted BA-ish way. ;)

I'll try to be back on the rest of this week. Who knows, might even find the BA-net again! (I'll be the signal down in the mud, peeping "QRS?" most pitifully as missed dits pile up on the floor <wry grin>)

73,  
--Bobbi

-----  
Date: Wed, 11 Jun 1997 07:47:16 -0400 (EDT)  
From: "JOHN A. KING (WA1ABI)" <JAK@SUD2.ED.RAY.COM>  
To: boatanchors@theporch.com  
Subject: Re: Ranger I/II Mod Xfmr  
Message-ID: <01IJXSXUEXWY8WXOXQ@SUD2.ED.RAY.COM>  
MIME-version: 1.0  
Content-transfer-encoding: 7BIT

Both Ranger and Ranger II call out P/N 22.986 for the mod xfmr.

73,  
John King WA1ABI AMI #777

-----  
Date: Wed, 11 Jun 1997 06:40:33 -0500  
From: "Michael J. Wade" <wade@iquest.net>  
To: <boatanchors@sco.theporch.com>  
Subject: ARRL Handbook  
Message-ID: <1997061111159.LAA15165@sco.theporch.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=ISO-8859-1  
Content-Transfer-Encoding: 7bit

I am in need of a 1958 ARRL Handbook. If you have one in fair condiction, let me know what you want for it.

Thanks

73 de kb9kdg

-----  
Date: Wed, 11 Jun 1997 14:38:44 +0200  
From: Rolf Jansson <rolf.jansson@ub.umu.se>  
To: boatanchors@theporch.com  
Subject: stamps ,tags on R390A  
Message-ID: <3.0.2.32.19970611143844.009863e0@ub.umu.se>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi I posted a mail some time ago, regarding tags  
and inspectionsstamps on parts in/on my EAC r390a,  
And I am still wondering if there are someone  
who knows anything,or are there anything printed  
Thanks

Rolf

-----  
Date: Wed, 11 Jun 1997 14:46:07 +0200  
From: eb5agv@ctv.es  
To: boatanchors@sco.theporch.com  
Subject: HELP: suitable ARC-5/R-28 dynamotor?  
Message-ID: <1.5.4.32.19970611124607.006a6530@192.168.0.1>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi gang!

Please, could somebody tell me which is the suitable dynamotor for an  
ARC-5/R-28 receiver?. Perhaps DY-10?.

Thanks and best regards.

-----  
73 JOSE V. GAVILA (EB5AGV / EC5AAU)  
Ausias March 46, 15  
46910 Benetusser - VALENCIA  
SPAIN

\*\*\*\*\* PLEASE, VISIT MY HOME PAGE! \*\*\*\*\*

<http://www.geocities.com/SiliconValley/6992/>  
e-mail: eb5agv@ctv.es & eb5agv@amsat.org

-----  
-----  
Date: Wed, 11 Jun 97 08:59:26 EDT  
From: jkh@lexis-nexis.com (John Heck)  
To: boatanchors@theporch.com  
Subject: What is this part?  
Message-ID: <9706111259.AA20857@beans.lexis-nexis.com>

Folks,  
I have a component that I can't positively identify. Perhaps someone will know what they are. I think they are some kind of fuse, but who knows? They are ceramic tubes, about 5 3/8" long overall, and about 3/8" in diameter. They are tipped with a copper sleeve, on each end, which is octagonal in crosssection and which has a 1/4" protrusion on it's end. This is hollow and is soldered ti something inside the tube much like the hollow pin on a tube. They are marked "Reliable", "NO. 27L", and "7 AMP." What do ya think? Thanks for the help.

Regards,  
John Heck, KC8ETS  
1009 Donson Drive  
Dayton, Ohio 45429  
(937)865-7036(work)  
jkh@lexis-nexis.com

-----  
Date: Wed, 11 Jun 1997 06:16:19 -0700  
From: "Lloyd A. Scott, Jr." <wpul11130@concentric.net>  
To: jkh@lexis-nexis.com  
Cc: boatanchors@theporch.com  
Subject: Re: What is this part?  
Message-ID: <339EA523.6AF7@concentric.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

John Heck wrote:

>  
> Folks,  
> I have a component that I can't positively identify. Perhaps someone will know  
> what they are. I think they are some kind of fuse, but who knows? They are  
> ceramic  
> tubes, about 5 3/8" long overall, and about 3/8" in diameter. They are tipped

with a  
> copper sleeve, on each end, which is octagonal in crosssection and which has a  
1/4"  
> protrusion on it's end. This is hollow and is soldered ti something inside the  
tube  
> much like the hollow pin on a tube. They are marked "Reliable", "NO. 27L", and  
> "7 AMP." What do ya think? Thanks for the help.  
> Regards,  
> John Heck, KC8ETS  
> 1009 Donson Drive  
> Dayton, Ohio 45429  
> (937)865-7036(work)  
> jkh@lexis-nexis.com  
Greetings John: I think you have a Telephone Protector Fuse. Used at  
pole or demark block to protect telephones on premis.  
73's  
Lloyd

-----  
Date: Wed, 11 Jun 1997 08:41:54 -0500  
From: TPHAAK@monsanto.com  
To: "boatanchors(a)sco.theporch.com" <boatanchors@sco.theporch.com>  
Subject: RT-654A/TRC-77  
Message-ID: <0030400004155058000002\*@MHS>

Gang,

Picked up a RT-654A/TRC-77 from a fellow last night. No battery box  
or accessories.

Nice looking little HF military rig. I seem to remember these were  
available maybe in Fair sometime ago.

What era did this come out of? What frequency range? What power  
level (looks like a 2E26 inside a shield)? If it is a backpack type  
radio it has ant. and ground binding posts. Looks to be battery  
powered with one voltage from a drycell I guess with the HV being  
supplied by an internal transistor supply. What voltage does it need  
to operate? Lastly it looks like there is even an internal ant.  
matching circuit.

Thanks,

Tim WA0TSY

tphaak@monsanto.com

-----  
Date: Wed, 11 Jun 1997 10:53:36 -0400  
From: Mac Shawe <macshawe@erols.com>  
To: boatanchors@sco.theporch.com  
Subject: BC-348  
Message-ID: <339EBBF0.3C60@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I have a BC 348 with manual. All the tubes are there & OK. It appears to be clean. Converter has been replaced with a small power supply wich I think is defective.

What is it worth & anybody interested?

Also need the following operating manuals/schematics:

1. Precision Signal Generator Series E 200 C
2. EICO TV-FM Sweep Generator & Marker Model 368
3. Mc Murdo Silver R/C Bridge Model 904

Mac

-----  
Date: Wed, 11 Jun 1997 11:03:14 -0500  
From: Doug Hall <dhall@jps.com>  
To: boatanchors@theporch.com  
Subject: Ranger I/II mod xfmr's are the same  
Message-ID: <199706111603.LAA27135@Netcube.ntwrks.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi folks,

Thanks to everyone who responded to my question about the Ranger I and Ranger II modulation transformers. To summarize:

The Johnson Ranger I and the Ranger II use the same modulation transformer.

Thanks to everyone who responded!

73,

Doug Hall, KF4KL

JPS Communications, Inc.

-----  
Date: Wed, 11 Jun 1997 11:25:19 -0400

From: Bob Login <jlogin@gville.mindspring.com>  
To: boatanchors@theporch.com  
Subject: SP-600 BFO Coil Wanted  
Message-ID: <199706111532.LAA17265@brickbat9.mindspring.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi--I have a SP-600 that has a broken coil in the bfo can caused by the core sticking and breaking off when subsequently turned. The windings are honeycomb and I don't know how to rewind?? Is there someone out there with a parts 600 that would sell me another whole bfo unit or does someone know where to get them or how to rewind??

Thanks & 73's Bob AA8A

-----  
Date: Wed, 11 Jun 1997 10:43:06 -0500  
From: Ronnie Hull <w5sum@ms1.nwla.com>  
To: boatanchors@theporch.com  
Cc: baswaplist@foothill.net  
Subject: KWS1 parts  
Message-ID: <1.5.4.16.19970611094115.1fbf413e@ms1.nwla.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Howdy men

I need the following for my KWS1 project. Any help would be greatly appreciated.

Blower

back cover for the power supply  
bottom cover for the exciter

(I can have these made but though I would try to find originals first)

dial overlay, mine is faded and torn rather badly.

got her all cleaned up last night, looking pretty good. If I can get the blower, I will fire it up soon.

Ronnie

-----  
Date: Wed, 11 Jun 1997 11:51:54 EDT  
From: avidov@juno.com (avi bendov)  
To: boatanchors@theporch.com  
Subject: CD-370 Pwr Cord  
Message-ID: <19970611.114531.3326.1.avidov@juno.com>

I misplaced the em address of Paul(?)who needs this BC-348 cord which  
I finally found for him.Could it have been Paul Bernhardt ?

-----  
Date: Wed, 11 Jun 1997 11:01:10 -0500  
From: wb9iog <wb9iog@revealed.net>  
To: boatanchors@theporch.com  
Subject: [Fwd: Free (Big) Antennas (You Haul)]  
Message-ID: <339ECBC6.5C89@revealed.net>  
MIME-Version: 1.0  
Content-Type: multipart/mixed; boundary="-----382D58DC5F42"

This is a multi-part message in MIME format.

-----382D58DC5F42  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi folks  
This appeared on the rec.radio.amateur.antenna news group. Note the  
military verticals available. Possibly someone in the group would be  
near to the QTH and interested.  
Mike

-----382D58DC5F42  
Content-Type: message/news  
Content-Transfer-Encoding: 7bit  
Content-Disposition: inline

Path: sun.revealed.net!news-chi-13.sprintlink.net!news-chi-8.sprintlink.net!news-  
west.sprintlink.net!news-peer.sprintlink.net!news.sprintlink.net!Sprint!  
howland.erols.net!newsfeed.internetmci.com!news.eli.net!news.transport.com!not-  
for-mail  
From: "Ron, N7TAW" <rh@pcez.com>  
Newsgroups: rec.radio.amateur.antenna  
Subject: Free (Big) Antennas (You Haul)  
Date: Tue, 10 Jun 1997 15:19:11 -0700  
Organization: Transport Logic Internet Services



Message-ID: <339DD2DF.5E56@pcez.com>  
Reply-To: rh@pcez.com  
NNTP-Posting-Host: camppp20.pcez.com  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
X-Mailer: Mozilla 3.0 (Win16; I)

A well know local ham passed away recently, and one of his wishes was for as much of his gear as possible to go to people who needed/could use it rather than to those who could afford it.

Well, after the courts got involved, most of the gear had to be sold and the proceeds divided (mostly between government agencies).

However, there are a few large pieces left that they did not want to deal with, and I've been asked to help find a home for them.

These are located in East Portland, OR, and I will not attempt to ship them.

7 element 10m yagi on approx 38 foot boom. This boom is one piece, and short of a hacksaw, does not disassemble

5 element 20m yagi on approx 22 foot boom.

4 element 12m yagi (Hygain 11m ant rebuilt w/ new elements and balun).

30m vertical

military vertical antennas (2) these are 36 foot fiberglass type verticals of the (extremely) heavy duty type used on board large naval vessels, but they worked well on a concrete pad too (phased fullsize 40m verticals anyone?)

Please e-mail me if interested (or if you can pass along someone who might be).

Thanks,

Ron, N7TAW

-----382D58DC5F42--

-----

Date: Wed, 11 Jun 1997 12:09:05 EDT

From: avidov@juno.com (avi bendov)  
To: boatanchors@theporch.com  
Subject: WTB  
Message-ID: <19970611.120216.3326.3.avidov@juno.com>

Looking for manuals for: Hickock 538A Tube Tester  
RME VHF 152A Converter  
clean copies will be fine. tnx

-----  
Date: Wed, 11 Jun 97 13:01:01 EDT  
From: rsolomon@tsd.textron.com  
To: boatanchors@theporch.com, wb9iog@revealed.net  
Subject: Re: [Fwd: Free (Big) Antennas (You Haul)]  
Message-ID: <9705118660.AA866059871@cctds.tsd.textron.com>

Why is all the "free" stuff always located on the Left Coast ??  
Maybe we Yankees are too cheap !!

73, Dick, W1KSZ

----- Reply Separator -----  
Subject: [Fwd: Free (Big) Antennas (You Haul)]  
Author: wb9iog@revealed.net at Internet  
Date: 6/11/1997 12:05 PM

This is a multi-part message in MIME format.

-----382D58DC5F42  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi folks  
This appeared on the rec.radio.amateur.antenna news group. Note the  
military verticals available. Possibly someone in the group would be  
near to the QTH and interested.  
Mike

-----382D58DC5F42  
Content-Type: message/news  
Content-Transfer-Encoding: 7bit  
Content-Disposition: inline

Path:  
sun.revealed.net!news-chi-13.sprintlink.net!news-chi-8.sprintlink.net!news-west.

sprintlink.net!news-peer.sprintlink.net!news.sprintlink.net!Sprint!howland.erols  
.net!newsfeed.internetmci.com!news.eli.net!news.transport.com!not-for-mail  
From: "Ron, N7TAW" <rh@pceez.com>  
Newsgroups: rec.radio.amateur.antenna  
Subject: Free (Big) Antennas (You Haul)  
Date: Tue, 10 Jun 1997 15:19:11 -0700  
Organization: Transport Logic Internet Services  
Message-ID: <339DD2DF.5E56@pceez.com>  
Reply-To: rh@pceez.com  
NNTP-Posting-Host: camppp20.pceez.com  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
X-Mailer: Mozilla 3.0 (Win16; I)

A well know local ham passed away recently, and one of his wishes was for as much of his gear as possible to go to people who needed/could use it rather than to those who could afford it.

Well, after the courts got involved, most of the gear had to be sold and the proceeds divided (mostly between government agencies).

However, there are a few large pieces left that they did not want to deal with, and I've been asked to help find a home for them.

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7 element 10m yagi on approx 38 foot boom. This boom is one piece, and short of a hacksaw, does not disassemble

5 element 20m yagi on approx 22 foot boom.

4 element 12m yagi (Hygain 11m ant rebuilt w/ new elements and balun).

30m vertical

military vertical antennas (2) these are 36 foot fiberglass type verticals of the (extremely) heavy duty type used on board large naval vessels, but they worked well on a concrete pad too (phased fullsize 40m verticals anyone?)

Please e-mail me if interested (or if you can pass along someone who might be).

Thanks,

Ron, N7TAW

-----382D58DC5F42--

-----  
Date: Wed, 11 Jun 97 11:56:48 CDT  
From: sinned@VNET.IBM.COM  
To: boatanchors@sco.theporch.com  
Subject: moving to 7060  
Message-ID: <199706111710.RAA20949@sco.theporch.com>

Anchorite brasspounders!

The 7050 QRG is almost unuseable nowadays. I'm going to try 7060 +/- a couple and see if I have any better luck. Maybe I'll run into Bobbi & her fine 'lil 6L6 rig. I'll call tonight at from 0200 thru 0400Z, at the 'top' and 'bottom' of each hour. ( Assuming of course I don't have to work late , etc.) Listen for the P-P 24G's.....

de  
Dennis W5FRS

BTW: got the shack moved into the garage now so I'm able to work on my latest BA project, a 1936 Frampton Sound Co. 'kit' transmitter ( 6L6/210/T40's) while I monitor the QRG for CQ BA CQ BA..... If the transformers don't "smoke", I'll have it on the air next week .

-----  
Date: Wed, 11 Jun 1997 14:01:15 -0400  
From: standard@pcs.mb.ca (Gary Smith)  
To: boatanchors@sco.theporch.com  
Subject: Need info on 6LB6 tubes  
Message-ID: <199706111801.0AA27508@mail.pcs.mb.ca>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Does anyone have a spec sheet on the 6LB6? None of my manuals show this one and I need to compare it to a 8950.

73

Gary Smith  
VE4YH

Check out my Swan page at [www.pcs.mb.ca/~standard/](http://www.pcs.mb.ca/~standard/)

-----  
Date: Wed, 11 Jun 97 14:11:37 CDT  
From: sinned@VNET.IBM.COM  
To: boatanchors@sco.theporch.com  
Subject: 7060 time changes  
Message-ID: <199706111915.TAA23253@sco.theporch.com>

Folks,

Sorry for the goof, but I'll really be calling from 0030Z to 0300Z. ( What I'm trying to say is from 7:30PM CDST to 10:00PM CDST)

C U there  
Dennis W5FRS

-----  
Date: Wed, 11 Jun 1997 12:22:25 -0700 (PDT)  
From: Ken Gordon <keng@uidaho.edu>  
To: sinned@VNET.IBM.COM  
Cc: boatanchors@sco.theporch.com  
Subject: Re: moving to 7060  
Message-ID: <Pine.BSF.3.95.970611122056.16260A-100000@piobaire.mines.uidaho.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 11 Jun 1997 sinned@VNET.IBM.COM wrote:

> Anchorite brasspounders!  
>  
> The 7050 QRG is almost unuseable nowadays. I'm going to try 7060 +/- a couple

That's cool....guess I'll have to find another rock for the GRC-109. You might try 7048. I have a rock for that one...or listen down 10 once in a while.

Ken W7EKB

-----  
Date: Wed, 11 Jun 1997 20:05:45 +0000  
From: "Dale N. Richardson" <aa5xe@cibola.net>  
To: boatanchors <boatanchors@sco.theporch.com>

Cc: aa5xe@cibola.net  
Subject: FS: Swan 700-CX & misc  
Message-ID: <339F0519.3F0@cibola.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

I have to get rid of some of my BA stuff in preparation for moving. I will list a little at a time to make it easier on me. All prices are plus shipping. So here goes.

Swan 700-CX Transceiver with 117-CX power supply. Unit does NOT work in transmit. Receiver seems ok. Transmitter needs final tubes (8950 x 2). Otherwise this unit is in fair condition. Two mikes go with it, Turner 254C and Turner 454C. Have manual for it and Swan 250 6 meter transceiver. Will take \$100 or ??

B & W Dummy Load-Wattmeter Model 334A. 10-1000 watts in 4 ranges. Appears to work but I won't vouch for accuracy. NO case. Condition poor. I'll take \$10 for it.

General Radio Type 874-LTL Constant Impedance Trombone Line. Qty 2  
Appear to be in good shape, but I have no way to test them to be sure.  
\$20 each or ??

I can be contacted at (915) 821-3472 anytime or by email aa5xe@cibola.net  
Shipping is from zip 79924 (El Paso TX).

Regards,  
Dale AA5XE

--

Dale N. Richardson AA5XE  
email aa5xe@cibola.net  
<http://www2.cibola.net/~aa5xe>  
<http://www2.cibola.net/~aa5xe/nmmars/>  
<http://www2.cibola.net/~aa5xe/mason/>

-----

Date: Wed, 11 Jun 1997 21:51:10 +0200  
From: "JOSE V. GAVILA (EB5AGV/EC5AAU)" <eb5agv@ctv.es>  
To: boatanchors@sco.theporch.com  
Subject: HELP:R-388 calibrator crystal  
Message-ID: <1.5.4.32.199706111195110.006a1f20@sandra.ctv.es>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hello BA gang!

I'm in trouble with the calibrator of my R-388... The crystal it has is NOT the original but an S-line type. As this calibrator works with harmonics, and I'm unable to get it oscillating exactly at 100KHz (it is a bit higher), in higher bands the deviation is up to 9KHz!... I've checked also with my S-line crystal and it is better but far from the good point. I wonder if there is any original or suitable crystal in BA land that someone could sell to me, as I suspect that the one I have is not good for this purpose, or if there is a system to change the frequency (apart from the two CAL capacitors in the R-388) to meet my needs.

Thanks and best regards!.

-----  
73 JOSE V. GAVILA (EB5AGV / EC5AAU)  
Ausias March 46, 15  
46910 Benetusser - VALENCIA  
SPAIN

\*\*\*\*\* PLEASE, VISIT MY HOME PAGE! \*\*\*\*\*

<http://www.geocities.com/SiliconValley/6992/>  
e-mail: eb5agv@ctv.es & eb5agv@amsat.org  
-----

-----  
Date: Wed, 11 Jun 1997 13:17:23 -0700 (MST)  
From: Roland S Geter Sr <wb6lna@primenet.com>  
To: w5sum@ms1.nwla.com  
Cc: boatanchors@theporch.com  
Subject: Re: KWS1 parts  
Message-ID: <199706112017.NAA08245@usr01.primenet.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

At 10:43 AM 6/11/97 -0500, you wrote:

>Howdy men

>

>I need the following for my KWS1 project. Any help would  
>be greatly appreciated.

>

>Blower

>

>back cover for the power supply

>bottom cover for the exciter  
>  
>(I can have these made but though I would try to find originals first)  
>  
>dial overlay, mine is faded and torn rather badly.  
>  
>got her all cleaned up last night, looking pretty good. If I can get the  
>blower, I will fire it up soon.  
>  
>Ronnie  
>  
>  
>Reply: =3D =3D =3D =3D =3D =3D =3D =3D =3D =3D =3D =3D =3D =3D =3D =3D

I think I know where there is a from P/S that was retrieved from a "junk yard" (actual not literal) in Long Beach, CA a while back. I'll see if I can find him on my old HD before I went 1.2 Gig, OK? Really, the (San Pedro, CA) ham was at a junk yard during a Boy Scout aluminum can drive and almost passed out when he saw the weathered KWS-1 P/S within a pile of junk. Boy, would that almost bring tears to all you BA'ers eyes.

What is this "baswaplist@foothill.net" you CC'd on your posting? Can I get there?

Roland S Geter PhD - WB6LNA/7 ex W2RPQ  
Madell M Geter RN - KD6QCH  
Internet: wb6lna@primenet.com =09  
roland@primenet.com  
madell@primenet.com  
ax25: wb6lna@kc7y.az.usa.noam  
Toll Free: 800-399-4383 Voice/Fax x765

```
-----
|                               |
| Visit our Web page for brand newly manufactured   |=20
| Collins Radio Accessories and tell others. |
| http://www.romadenterprises.com/collins.htm      |
|-----|
```

\*\*\*\*\*  
Pursuant to US Code, Title 47, Chapter 5, Subchapter II, =A7227,  
any and all nonsolicited commercial E-mail sent to this address  
is subject to a download and archival fee in the amount of \$500  
US. E-mailing denotes acceptance of these terms.  
\*\*\*\*\*



-----  
Date: Wed, 11 Jun 1997 14:57:26 -0600 (MDT)  
From: dfrancis@iex.net (Dexter Francis)  
To: boatanchors@theporch.com  
Subject: "Mike 5" and "Andrews" on 7040 SSB?  
Message-ID: <v01520d01afc46dc14056@[207.0.57.74]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Did anyone else catch the air to ground SSB transmissions of "Mike 5" and "Andrews" on Monday night around 8:30 pm MDT near about 7040 KC? They moved to another frequency after just a couple exchanges. I suppose it could have been local traffic taking off from SLC that overloaded my BC-455 but the signal didn't seem that wide.

-df

\* CWest Tube Sales - P.O.B. 22443 SLC, UT 84122 \*  
\* [http://www.usa.net/~dfrancis/CWest\\_Tube\\_Sales.html](http://www.usa.net/~dfrancis/CWest_Tube_Sales.html) \*  
\* e-mail to: tubes@usa.net \*

-----  
Date: Wed, 11 Jun 1997 17:52:19 -0400 (EDT)  
From: leeboo@ct.net (Leon Wiltsey)  
To: BOATANCHORS@SCO.THEPORCH.COM  
Subject: need manual  
Message-ID: <199706112152.RAA24951@blue.ct.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>To: gb  
>From: leeboo@ct.net (Leon Wiltsey)  
>Subject: need manual  
>Cc:  
>Bcc:  
>X-Attachments:  
>  
>Just got a HW-16 AND REALLY NEED a manual or  
>schematic.  
>  
THANK THE LORD FOR ALL YOU HAVE

68 yr old semidisabled senior

(stroke got my balance & hand to eye coordination)  
ham agn as KF4RCL TECK+ (MUCH HAPPINESS)  
BUILD MOST OF MY STATION EQUIP  
SUB.BA & GB-- NO SOLID STATE

Leon B Wiltsey (Lee)  
4600 Lake Haven BLVD.  
Sebring, Fl. 33872

SEBRING FL. WHERE THERE IS NO QRM  
FROM ANYTHING LOCAL

-----  
Date: Wed, 11 Jun 1997 17:49:16 EDT  
From: avidov@juno.com (avi bendov)  
To: boatanchors@theporch.com  
Subject: avidov: CD-370 Pwr Cord  
Message-ID: <19970611.174226.3270.2.avidov@juno.com>

The attached earlier post can be cancelled as we found the em address.

----- Begin forwarded message -----  
From: avidov  
To: boatanchors@theporch.com  
Subject: CD-370 Pwr Cord  
Date: Wed, 11 Jun 1997 11:51:32 PST  
Message-ID: <19970611.114531.3326.1.avidov@juno.com>

I misplaced the em address of Paul(?)who needs this BC-348 cord which  
I finally found for him.Could it have been Paul Bernhardt ?

----- End forwarded message -----

-----  
Date: Wed, 11 Jun 1997 17:19:11 -0700  
From: Joe Eide <jeide@eau.net>  
To: boatanchors@theporch.com  
Subject: Kings N-connector  
Message-ID: <339F407F.4A04@eau.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi gang,

Does anyone have the assy instructions on the Kings part KN59-296  
N connectors which are Mil M39102/01-0125?

Thanks in advance.

Joe Eide - KB9R jeide@eau.net

-----  
Date: Wed, 11 Jun 1997 18:21:07 -0400  
From: Allen Tucholski <allent@en.com>  
To: boatanchors@theporch.com  
Subject: Eico model 628 Tube Tester FS \$30  
Message-ID: <2.2.32.19970611222107.008f7f9c@en.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hello All!  
Eico model 628 Tube Tester Forsale .Clean and in Good Shape, works well,  
has the roll  
chart built in. Tests 8 pin octal, 9 pin, 7 pin, nuvistors, and some others.  
Has 12 levers to set the tube parameters. A OK tester if you don't have one.  
Not real big, about 12" X 10" X 4" high. Complete , no manual.

\$30 plus UPS shipping from Cleveland Ohio 44125  
Postal money order preferred.  
Allen  
KB8MTZ

-----  
Date: Wed, 11 Jun 1997 15:26:49 -0700 (PDT)  
From: Ken Gordon <keng@uidaho.edu>  
To: Leon Wiltsey <leeboo@ct.net>  
Cc: BOATANCHORS@sco.theporch.com  
Subject: Re: need manual  
Message-ID: <Pine.BSF.3.95.970611152601.18133A-1000000@piobaire.mines.uidaho.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

> >Just got a HW-16 AND REALLY NEED a manual or  
> >schematic.  
> >

I have those. Will copy and ship next week (hopefully you will get it before Field Day)

Ken W7EKB

-----  
Date: Wed, 11 Jun 1997 17:43:45 -0500  
From: Paul Nelson <drhydro@ames.net>  
To: broehrig@admin.aurora.edu  
Cc: boatanchors@sco.theporch.com  
Subject: Re: [VSS:1355] Triplet meter info needed  
Message-ID: <v03010d02afc49155d3bf@[206.29.126.188]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>I have a Triplet 601 multimeter without probe(s). Can anyone tell me  
>what the Probe(s) should be? I am guessing it is much like a VTVM  
>probe in that it should have a resistor in the probe tip for DC  
>volts and no resistor for the other functions.  
>  
>

Right you are, Bob- I have one of those that I use fairly often, WITH probe, and there's a resistor in the probe that's switched in for DC measurements. I measured the resistance with a Fluke 87 DMM (recently calibrated), and it is 0.686 megohms. Switching between DC and other (the switch is on the probe) DOES make a difference in the measurement.

Paul Nelson W5GNF  
Ames, Iowa

(DrHydro@ames.net)

Cessna 140 N77149

"When I go, I want to go quietly, in my sleep, like my grandfather- not screaming, like his passengers."

"More hay, Trigger?"

"No thanks, Roy, I'm stuffed."

-----  
End of BOATANCHORS Digest 1492

\*\*\*\*\*

>1493

>From owner-boatanchors@sco.theporch.com Wed Jun 11 23:37 CDT 1997

>Received: from sco.theporch.com (sco.theporch.com [207.234.31.38])

> by uro.theporch.com (8.8.6.Beta5/A-UX-3.0.1) with ESMTP id XAA20836

> for <SHIMSHON@URO.THEPORCH.COM>; Wed, 11 Jun 1997 23:37:48 -0500 (CDT)  
>Received: from sco.theporch.com (localhost [127.0.0.1])  
> by sco.theporch.com (8.8.6.Beta5/SCO-5.0.2) with SMTP id EAA04151;  
> Thu, 12 Jun 1997 04:35:08 GMT  
>Message-Id: <199706120435.EAA04151@sco.theporch.com>  
>Date: Wed, 11 Jun 1997 23:35:08 CDT  
>Sender: owner-boatanchors@theporch.com  
>From: boatanchors@theporch.com  
>To: Amateur Radio Equipment Using Vacuum Tubes <boatanchors@sco.theporch.com>  
>Subject: BOATANCHORS digest 1493  
>Mime-Version: 1.0  
>Content-Type: multipart/mixed; boundary="--  
\_\_ListProc\_\_NextPart\_\_866090082433045041"  
>X-Listprocessor-Version: 8.1 -- ListProcessor(tm) by CREN  
>Status: 0

### BOATANCHORS Digest 1493

Topics covered in this issue include:

- 1) FS: National NC-98/speaker  
by billo@nti.net (Bill Wilson)
- 2) GOT HY16 MANUAL  
by leeboo@ct.net (Leon Wiltsey)
- 3) GOT HY16 MANUAL  
by leeboo@ct.net (Leon Wiltsey)
- 4) ARC-5 AVC/S-Meter Mod?  
by Mike Maloney <ac5p@ionet.net>
- 5) WTB HEADSET  
by leeboo@ct.net (Leon Wiltsey)
- 6) Dynamotor for ARC-5 receivers  
by Michael Hanz <AAFRadio@erols.com>
- 7) Viking 500 Fuses and Inrush Current Protection  
by Jim Garland W8ZR <4CX250B@miavx1.acs.muohio.edu>
- 8) J-36 project info request  
by Paul & Sandra <bocks@erols.com>
- 9) Re: Viking 500 Fuses and Inrush Current Protection  
by bdhall@ghg.net (Benjamin D. Hall)
- 10) lost mail  
by "Greg Parsons A.K.A. Rat" <gregp@mis.net>
- 11) ?? regarding Wumpus schematic prices  
by Ho4bart@aol.com
- 12) 'BoatAnchors' hats for sale  
by David Ross <ross@hypertools.com>
- 13) Re: Heath Apache Comments  
by mashaum@fcg.net (Mark Shaum)
- 14) 50 kW ham rig, ex - VOA xmtr ??  
by Ho4bart@aol.com

- 15) Help Please  
by George Humphrey <gah@koyote.com>
- 16) BC 639 A Manual?  
by George Humphrey <gah@koyote.com>
- 17) Wanted: Dial Cord & Transformer for Heath  
by w8xq@juno.com (JEFF D WILDER)
- 18) Re: ARC-5 AVC/S-Meter Mod?  
by Ken Gordon <keng@uidaho.edu>
- 19) Re: WTB HEADSET  
by Ken Gordon <keng@uidaho.edu>
- 20) Need HT-37 knob & xtal  
by Doug Hall <dhall@jps.com>
- 21) Re: Help Please  
by Ed Tanton <n4xy@bellsouth.net>
- 22) Manuals needed  
by joelutz@juno.com (Joseph W Lutz)
- 23) Heathkit Service Bulletins - Cont.  
by joelutz@juno.com (Joseph W Lutz)

-----  
Date: Wed, 11 Jun 1997 19:10:45 -0500  
From: billo@nti.net (Bill Wilson)  
To: boatanchors@theporch.com  
Subject: FS: National NC-98/speaker  
Message-ID: <19970612001044502.AAA48@LOCALNAME>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Greetings,

I have a National NC-98 receiver for sale with matching NC-98TS speaker (speaker has logo). The NC-98 is a single conversion superhet with 9 tubes/hinged lid. The set needs a good chassis cleaning (layer of old dirt) but the rest is in good shape, some pitting on top of the set and the speaker. The good thing is if you repaint the thing the panel lettering is recessed so a paint stick could be used to repaint. The radio works well on all bands but could use a dose of deoxit, someone has replaced a few resistors and caps. If no one wants this I'll have it at the Atlanta hamfest next week with a small load (DX-100B, 129X) of other stuff to paw through.

Asking \$105 for the radio/speaker, if this is too steep make reasonable offer. Shipping? I'll ship first then email you the shipping as I tend to overpack stuff and I am a poor judge when it comes to guessing shipping charges.

Thanks,

Bill

W4BIZ  
Jacksonville, Al. 36265

-----  
Date: Wed, 11 Jun 1997 21:07:15 -0400 (EDT)  
From: leeboo@ct.net (Leon Wiltsey)  
To: BOATANCHORS@SCO.THEPORCH.COM  
Subject: GOT HY16 MANUAL  
Message-ID: <199706120107.VAA05259@blue.ct.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

kEN  
GORDEN HAS OFFERED TO SEND ME A MANUAL  
SO DISREGARD MY PLEA FOR A HY 16 MANUAL.  
THANK THE LORD FOR ALL YOU HAVE

68 yr old semidisabled senior  
(stroke got my balance & hand to eye coordination)  
ham agn as KF4RCL TECK+ (MUCH HAPPINESS)  
BUILD MOST OF MY STATION EQUIP  
SUB.BA & GB-- NO SOLID STATE

Leon B Wiltsey (Lee)  
4600 Lake Haven BLVD.  
Sebring, Fl. 33872

SEBRING FL. WHERE THERE IS NO QRM  
FROM ANYTHING LOCAL

-----  
Date: Wed, 11 Jun 1997 21:07:46 -0400 (EDT)  
From: leeboo@ct.net (Leon Wiltsey)  
To: BOATANCHORS@SCO.THEPORCH.COM  
Subject: GOT HY16 MANUAL  
Message-ID: <199706120107.VAA05279@blue.ct.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>To: BA  
>From: leeboo@ct.net (Leon Wiltsey)  
>Subject: GOT HY16 MANUAL

>Cc:  
>Bcc:  
>X-Attachments:  
>  
>  
>GORDEN HAS OFFERED TO SEND ME A MANUAL  
>SO DISREGARD MY PLEA FOR A HY 16 MANUAL.  
>  
THANK THE LORD FOR ALL YOU HAVE

68 yr old semidisabled senior  
(stroke got my balance & hand to eye coordination)  
ham agn as KF4RCL TECK+ (MUCH HAPPINESS)  
BUILD MOST OF MY STATION EQUIP  
SUB.BA & GB-- NO SOLID STATE

Leon B Wiltsey (Lee)  
4600 Lake Haven BLVD.  
Sebring, Fl. 33872

SEBRING FL. WHERE THERE IS NO QRM  
FROM ANYTHING LOCAL

-----  
Date: Wed, 11 Jun 1997 19:50:36 -0500 (CDT)  
From: Mike Maloney <ac5p@ionet.net>  
To: boatanchors@sco.theporch.com  
Subject: ARC-5 AVC/S-Meter Mod?  
Message-ID: <199706120050.TAA10029@mail.ionet.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Anyone had success adding AVC and/or S-meter to an ARC-5  
used primarily for AM-BCB listening (.52 to 1.5MC)?  
Any tips, suggestions, etc. would be appreciated. Also,  
has anyone modified the antenna input circuit to permit  
using with a low impedance box loop?  
73/Mike

-----  
Date: Wed, 11 Jun 1997 21:16:35 -0400 (EDT)  
From: leeboo@ct.net (Leon Wiltsey)  
To: BOATANCHORS@SCO.THEPORCH.COM  
Subject: WTB HEADSET



Message-ID: <199706120116.VAA05728@blue.ct.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

hI Gang

looking for a headset 2k ohms or better,  
cant buy anytrhing but hifi stereo stuff here.  
Dont need to be pretty just working ok.  
THANK THE LORD FOR ALL YOU HAVE

68 yr old semidisabled senior  
(stroke got my balance & hand to eye coordination)  
ham agn as KF4RCL TECK+ (MUCH HAPPINESS)  
BUILD MOST OF MY STATION EQUIP  
SUB.BA & GB-- NO SOLID STATE

Leon B Wiltsey (Lee)  
4600 Lake Haven BLVD.  
Sebring, Fl. 33872

SEBRING FL. WHERE THERE IS NO QRM  
FROM ANYTHING LOCAL

-----  
Date: Wed, 11 Jun 1997 21:13:34 -0700  
From: Michael Hanz <AAFRadio@erols.com>  
To: boatanchors@sco.theporch.com, eb5agv@ctv.es  
Subject: Dynamotor for ARC-5 receivers  
Message-ID: <339F776E.55E1@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Please, could somebody tell me which is the suitable dynamotor for an  
ARC-5/R-28 receiver?. Perhaps DY-10?.

The "authentic" one for the ARC-5 sets is the DY-2/ARR-2, Jose. However,  
there must be >dozen that used the form, fit, and "close to" function of  
the command receiver dynamotors, not the least of which are those for the  
airborne Interphone amplifiers of the period. Some of them put out 285  
volts, which is a bit high for the command receivers to remain stable. The  
earlier ones for the Navy RL series of interphones are recognizable because  
they have an entirely cast base in black wrinkle rather than the .062" aluminum  
sheet bottom plate used on the later versions. Problems with breakage and  
expensive castings drove the change to the more rugged mounts. These will

normally be identified with a Navy 5 digit number, or a manufacturer's four digit number. Besides the DY-2, the other most common substitute is the DM-32 from the SCR-274N sets. Someday, someone will have to collect all the D, DY, DM, and other assorted numbers together for all military equipment and publish a book. I suspect it won't be just a couple of pages long!

A number of folks on the list even use the transistorized inverter developed for the postwar command receivers (DV-10, also known as the PP-1192/ARN-30) - clips right on and no bearings to replace, but doesn't have that wonderful whirring sound. The postwar dynamotors were ARC Type D-10 - same as WWII models but painted gray wrinkle. Lots of options there - basically, if it works on 28v and puts out around 250v, it will do fine.

73,  
Mike Hanz, KC4TOS  
Herndon, VA  
AAFRadio@erols.com

-----  
Date: Wed, 11 Jun 1997 21:27:41 -0400  
From: Jim Garland W8ZR <4CX250B@miavx1.acs.muohio.edu>  
To: boatanchors@theporch.com  
Subject: Viking 500 Fuses and Inrush Current Protection  
Message-ID: <v03007800afc4f60f4e77@[134.53.65.12]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi Gang,

While rehabbing my "new" Viking 500, I noticed that the previous owner had increased the fuse ratings in the transmitter to higher values than specified by the manual. This fact led me to check out the current draw of the various circuits in the transmitter. The results were rather surprising, so I thought I'd pass them along for you "500" owners on the List.

There are three separately fused circuits in the Viking 500, with fuse ratings as specified:

- 1 Amp Slow-Blow Fuse -- R.F. deck filaments, power relay, fan
- 4 Amp Fuse -- power supply filaments, 350V pwr supply, -150V bias supply
- 6 Amp Fuses (x2) -- 2000V power supply

I measured the actual average AC current drawn by each circuit, and also the peak inrush current. To make the measurements, I temporarily removed

each fuse, and jumpered a 0.5 ohm power resistor across the fuse holder terminals. I used the peak-hold feature on my Fluke 87 to capture the peak voltage developed across the resistor at turn-on. I then used ohm's law to get the peak current, which I then converted to equivalent RMS value. I did about five measurements and chose the largest (since the results depend when during the a.c. cycle the switch is closed). The Fluke meter will capture a 1 msec transient.

The results of the measurements are as follows:

Fuse Rating	Average Current	Inrush Current
1 Amp SB	0.92 Amp	5.1 Amp
4 Amp	1.28 Amp (key up) 1.36 Amp (key down)	4.9 Amp
6 Amp (each fuse)	2.95 A (CW, 355 mA) 2.52 A (AM, 305 mA, no mod) 4.46 A (AM, 305 mA, 100% mod)	23 Amp

Conclusions: The factory specified fuse ratings are not well thought out. The 1Amp SB is too low, given that the normal current draw of the circuit is nearly 1 Amp. I would recommend a 1.5 A/SB or a 2 Amp (non-SB) for that circuit.

On the other hand, the 4 Amp fuse is too high, given that the the circuit only draws a maximum of 1.36 A. I would recommend replacing the 4A fuse with a 2 A/SB or 3 Amp non-SB.

The 6 Amp high voltage fuses are about right. However, given the large surge current, I imagine the fuses will frequently pop at turn-on, and owners will thus be tempted to replace the fuses with 8Amp or even 10 Amp versions. This is definitely risky, however.

Although replacing the fuses with more appropriate values is a good idea, an even better idea is to add current-inrush thermistors in the primary of each of the circuits. Doing so will protect the power switch and relay contacts, not to mention the nearly-irreplaceable transformers. here are the details on suitable thermistors: This mod will cost about ten bucks, but could save your transmitter.

For the 1 Amp circuit: Use Digikey KC014L-ND (\$2.35)

For the 4 Amp circuit: Use Digikey KC021L-ND (\$2.35)

For EACH 6 Amp circuit: Use Digikey KC006L-ND (\$2.58)

The current limiters will reduce the inrush current to about 2 Amps, 3 Amps, and 10 Amps for the 1A, 4A, and 6A circuits, respectively. If you

don't want to tear into your Viking 500 power supply just now, then you can replace the jumpers between pins 10-11, and pins 9-12 on the rear terminal strip of the power supply with the two KC006L-ND limiters. Then, at least you will have protected your HV supply. Once the surge limiters are in place, then you should no longer use slow-blow fuses. Also, remember to mount the limiters (which look like disc ceramic caps) in free air, since they get pretty hot. This simple addition to your transmitter will not only protect it but will stop the irritating fuse-poppings.

73,

Jim Garland W8ZR

-----  
Date: Wed, 11 Jun 1997 21:01:34 -0700  
From: Paul & Sandra <bocks@erols.com>  
To: boatanchors@sco.theporch.com  
Subject: J-36 project info request  
Message-ID: <339F749E.6CC5@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Most Honored & Revered BA'ers,

(How's that for sucking up to the membership?) ; -)

My latest self-appointed project is to try and catalog the different varieties of U.S. Army Signal Corps J-36 bugs. To that end, I humbly request that those of you having name-tagged examples of the wee beasties provide me with the following information:

Manufacturer (& location, if Vibroplex)  
Serial number  
Contract number (or Order number)  
Year  
Description & legend of underside orange stamp

Here are three examples:

Lionel, 20213, 7861-Phila-43, 1942, orange stamp illegible

Vibroplex (833 Bwy), 1671, 21984-Phila-42, 6-27-42, no orange stamp

Bunnell, 2348, 6001-Phila-43, 8-4-42, orange stamp illegible

With this information on as many J-36s as possible, I hope to be able to correlate serial number sequences with order numbers to ascertain approximately when different groups of J-36s were manufactured. Legible orange underside stamps \*might\* prove useful in helping identify the approximate vintage of other J-36s with missing nametags.

After I get the database going full swing and reach some conclusions, I'll publish 'em right here; it will probably consist of approximate serial number range to order number correlations. This will help in dating J-36s more accurately if I get enough input to "map" the serial number sequences fairly accurately. (HINT: When John Elwood, WW7P, did his Vibroplex dating study he had somewhere around 3,000 known examples to work with. I don't expect more than a small fraction of that, but even a couple of hundred would go a long way.)

Your assistance will be gratefully appreciated.

73,

Paul, K4MSG      pauboc@pulse.com    bocks@erols.com

-----  
Date: Wed, 11 Jun 1997 21:03:45 -0500  
From: bdhall@ghg.net (Benjamin D. Hall)  
To: 4CX250B@miavx1.acs.muohio.edu, boatanchors@theporch.com  
Subject: Re: Viking 500 Fuses and Inrush Current Protection  
Message-ID: <3.0.32.19970611210312.006c820c@mailman.ghgcorp.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

> Fuse Rating	Average Current	Inrush Current
> 1 Amp SB	0.92 Amp	5.1 Amp
> 4 Amp	1.28 Amp (key up)	4.9 Amp
> 6 Amp	2.95 A (CW, 355 mA)	23 Amp

>Conclusions: The factory specified fuse ratings are not well thought out.  
>The 1Amp SB is too low, given that the normal current draw of the circuit

Hi Jim and list!

Just wondering if you took the time delay characteristics of the fuses into account?

Back in college, I designed the high voltage distribution system for a hybrid electric car, which included choosing the fuses. In the process, I learned a lot about fuses. (what an understatement, heh heh heh)

Fuses have time delay characteristics - ie: it may take a 5 amp fuse 10 seconds to blow when 10 amps is passed thru it, and the "blow speed" gets slower when you get closer to the rated load of the fuse. If I remember correctly, standard fast blow fuses can withstand either 125 or 150% rated load indefinitely (I don't remember which, and my Newark catalog doesn't have the curves - darn!), and with slow blow fuses, I remember this figure being almost 200%. So, for the peak and average loading conditions you give above, I'd say you have plenty of breathing room, and unless you started blowing fuses regularly, I'd stick with the given values.

One other thing about fuses - fuses are designed to do one thing: protect wiring (and by protecting the wiring, protect your house or etc from fire). And the way the protect wiring is by opening up when there is a dead short circuit and boatloads of extra current above nominal. They offer poor protection against overloads, which is why the space shuttle uses very sophisticated peices of silicon called RPC's (Remote Power Controllers) to protect against overloads, when fuses are oh-so-much cheaper...

73 y'all,

Ben "fuse boy" Hall (one nickname from college, like I said, I spent a lot of time on the choice of those fuses...)

---

Benjamin D. Hall, junque collector extraordinaire, Located in Houston, Texas.  
e-mail: BDHall@ghg.net web: <http://www.ghgcorp.com/bdhall>

-----

Date: Wed, 11 Jun 1997 22:45:21 -0400  
From: "Greg Parsons A.K.A. Rat" <gregp@mis.net>  
To: boatanchors@theporch.com  
Subject: lost mail  
Message-ID: <2.2.32.19970612024521.006867b8@pop.mis.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

If anyone sent me mail from 13:00 EST Tuesday until 12:00 EST today, please resend, the server crashed here.

Sri Jack for the spam, but I have it running again.

Greg  
ke4000

-----  
| Greg Parsons      KE4000      gregp@mis.net gregp@lfucg.com      |  
| AMI #865      DoD 862      Who has the coffee? Better yet, who has the Ale8one?      |  
NRA Life, SCCA, SCA      <http://www.stdio.com/~gregp>      <http://www.lfucg.com>

"Religiones antiquae et arma ridiculae non comparant cum bono telo eruptionis igneae latero te, puer." Hanno Solare

-----  
Date: Wed, 11 Jun 1997 23:09:48 -0400 (EDT)  
From: Ho4bart@aol.com  
To: boatanchors@sco.theporch.com  
Subject: ?? regarding Wumpus schematic prices  
Message-ID: <970611230915\_-729468893@emout02.mail.aol.com>

greetings--

i asked Wumpus (website) for quotes on schematics for 2 1950s German table radios large, the multiband ones. the quote was \$26 plus \$4 shipping each. i can afford this, that is not a problem, it's just that i am wondering if this is the usual price one encounters for just a schematic on such a radio. after all, you're not getting a manual, at most maybe 3 pages photocopy? well, maybe i will have to do this. the quote did surprise me tho.

( Grundig 5060, Philips BD 773 AS )

can these be this hard to get?

also, anyone know a reprint seller of German military manuals?  
tnx, hue miller

-----  
Date: Wed, 11 Jun 1997 20:19:36 -0700 (PDT)  
From: David Ross <ross@hypertools.com>  
To: boatanchors@theporch.com  
Subject: 'BoatAnchors' hats for sale  
Message-ID: <199706120319.UAA04608@kim.teleport.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

BAFolks -

I've had some BA hats made up - please reply direct to me for further info.

73

Dave Ross KA6EPI ross@hypertools.com

-----  
Date: Thu, 12 Jun 97 03:18:42 GMT  
From: mashaum@fcg.net (Mark Shaum)  
To: bry@mnsinc.com  
Cc: boatanchors@theporch.com (Boatanchors List)  
Subject: Re: Heath Apache Comments  
Message-ID: <M.061197.221843.04@Default>

I'm cross-posting to the Boatanchors list, to possibly generate some commentary on the Heath Apache? Haven't seen it discussed in recent seasons.

Hi, Brian. Well, I've seen at least one Apache at every swapmeet I've attended in the last two years or so! They seem quite common, and usually in the range of \$65 to \$150 (ranging from beater quality to a very clean ones with correct knobs, etc.) Mine came for \$100, has an excellent front panel and the two non-original knobs will be replaced with ones from my original Apache. New cabinet paint from R&R will complete the cosmetic fixin's.

I'm not sure why the Apaches aren't more popular. Maybe the scratchy audio reputation when used by folks who drove the clipper waaay too hard. I like the ability to go from plain, non processed AM to up to 20 or so db of clipping just by adjusting the front panel mike gain, with no fear of over-modulating. The audio response as stock is definitely "communications quality", mine measures 500-2900 hz at the -6db points! In most QSOs, the receiving party does prefer about 10db of clipping due to the added "audio punch" and no comments about distortion to date. I have other AM rigs that have wider audio bandwidth. If signals are 20-30 db above the crud level, the semi-broadcast quality is fine. However, with my low antennas and 100 watt rigs, I make more solid QSO's with the TX-1 style audio chain!

> Hey Mark - let me know if you see any deals on Apaches!  
> I would like one!  
>  
> Brian  
>  
>  
> > Now on 3885/7290 with a freshly fixed "Scratchy Apache", my first  
> > VFO controlled rig as a newly-minted General in the mid-60's! It's  
> > interesting to dig into Griefkits and find original wiring errors  
> > dating most likely from day 1, and missed by several owners through  
> > the years!  
> >  
> > ----  
> >  
> > Mark Shaum, K9TR  
>  
----



Mark Shaum, K9TR  
mashaum@fcg.net

-----  
Date: Wed, 11 Jun 1997 23:23:36 -0400 (EDT)  
From: Ho4bart@aol.com  
To: boatanchors@sco.theporch.com  
Subject: 50 kW ham rig, ex - VOA xmtr ??  
Message-ID: <970611232152\_-695917907@emout14.mail.aol.com>

Geof tells me.....

When in recent history VOA closed its California sites, the 50 kw xmtrs were put up for sale. So this surplus dealer bought them, 10 or 12, and lugged them over to the Stockton ranch and stored them in ship cargo containers. He was negotiating a price with an eastcoast broadcast equipment trader when the negotiations came to a sudden halt. The transmitters were HF only, and there was word the FCC would soon have a new rule that no transmitter less than 100 kW ( or is it 75 kW ? ) could be licensed for the HF international broadcast service. So the transmitters became parts. All except one, which went to a ham in Italy ( apparently no power limits there? )

Geof also sez that apparently the "water treatment" is a standard means of "demilitarization" nowadays. he mentioned "skips" ( like open top garbage dumpsters ) holding hundreds of radios, stored outside, so that most of the radios filled with water. Then, later, you saw the surplus dealer ads that listed radio modules - may have some water effects.  
hue miller

-----  
Date: Wed, 11 Jun 1997 22:20:54 -0500  
From: George Humphrey <gah@koyote.com>  
To: boatanchors@sco.theporch.com  
Subject: Help Please  
Message-ID: <1.5.4.32.19970612032054.00ad2aa0@mail.koyote.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

BAers,

I tried for about an hour tonight to unsolder a twist tab capacitor that I need to remove from an aluminum chassis. I gave up. Is there some trick or special equipment that will make this job easier?

73s George KC5WBV  
73 George KC5WBV  
gah@koyote.com

-----  
Date: Wed, 11 Jun 1997 22:20:55 -0500  
From: George Humphrey <gah@koyote.com>  
To: boatanchors@sco.theporch.com  
Subject: BC 639 A Manual?  
Message-ID: <1.5.4.32.19970612032055.00ae31ac@mail.koyote.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

BAers,

I bought an old looking BC639A at Hamcom for parts, but when I looked inside it may be restorable and I do hate to take a nice unit out of circulation. Brian Harris suggested I might could get it working and install a PLL Demodulator for VHF FM reception. I would like to attempt this feat if anyone has a manual and/or info on a demodulator installation in this beast. As usual I will be glad to pay for whatever for either info or manual.

73s George KC5WBV  
73 George KC5WBV  
gah@koyote.com

-----  
Date: Wed, 11 Jun 1997 23:30:15 EDT  
From: w8xq@juno.com (JEFF D WILDER)  
To: boatanchors@theporch.com  
Subject: Wanted: Dial Cord & Transformer for Heath  
Message-ID: <19970611.233318.4343.0.W8XQ@juno.com>

Hello,

Wonder what type or if any vender sells dial cord ? I need it for my  
RX-1 &  
senica Heath recrvs. If someone can help please reply.. Thankyou

Still looking for used Heath Warrior Amp transformer (3400ct 500ma)

73

Jeff W8XQ

-----  
Date: Wed, 11 Jun 1997 20:50:36 -0700 (PDT)  
From: Ken Gordon <keng@uidaho.edu>  
To: Mike Maloney <ac5p@ionet.net>  
Cc: boatanchors@sco.theporch.com  
Subject: Re: ARC-5 AVC/S-Meter Mod?  
Message-ID: <Pine.BSF.3.95.970611204936.20952B-100000@piobaire.mines.uidaho.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 11 Jun 1997, Mike Maloney wrote:

> has anyone modified the antenna input circuit to permit  
> using with a low impedance box loop?

Some models came with this as a factory modification.

Ken W7EKB

-----  
Date: Wed, 11 Jun 1997 20:53:28 -0700 (PDT)  
From: Ken Gordon <keng@uidaho.edu>  
To: Leon Wiltsey <leeboo@ct.net>  
Cc: BOATANCHORS@sco.theporch.com  
Subject: Re: WTB HEADSET  
Message-ID: <Pine.BSF.3.95.970611205101.20952C-100000@piobaire.mines.uidaho.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Wed, 11 Jun 1997, Leon Wiltsey wrote:

> hI Gang

>  
> looking for a headset 2k ohms or better,

Leon:

Fair Radio has HS-23s which have 2K ohmhm elements.

Ken W7EKB

-----  
Date: Thu, 12 Jun 1997 00:12:30 -0400 (EDT)  
From: Doug Hall <dhall@jps.com>  
To: boatanchors@theporch.com  
Subject: Need HT-37 knob & xtal  
Message-ID: <199706120412.AAA02977@passport.ipass.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi folks,

Just finished fixing and cleaning up an HT-37. What a beauty! Had a couple of balanced modulator problems but they're all fixed and the audio from this rig is really quite good. Has a very clean CW note as well, and even sounds good on AM. What was it that caused phasing rigs to fall from grace in the SSB world?

Anyway, I need the correct VFO knob. This one has been replaced with a big black heavy spinner. It's actually a nicer knob, but it just ain't original. Anybody got an original HT-37 VFO knob with the mirrored insert to sell? Swap you a big heavy spinner for it :-)

Also, I need at least one 10m crystal. The HT-37 lets you cover one 500 kc chunk of 10m at a time, but there wasn't any 10m xtal in this rig when I got it. I'd like any (or all, preferably) of the following: 32 MHz, 32.5 MHz, 33 MHz, and 33.5 MHz. At the very least I'd like the 32 MHz rock so I can cover the 10m CW band, but eventually I'd like 'em all.

Thanks & 73,  
Doug Hall, KF4KL

-----  
Date: Thu, 12 Jun 1997 00:28:27 -0400  
From: Ed Tanton <n4xy@bellsouth.net>  
To: gah@koyote.com  
Cc: boatanchors@sco.theporch.com  
Subject: Re: Help Please  
Message-ID: <3.0.1.32.19970612002827.00a87880@mail.atl.bellsouth.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

At 10:20 PM 6/11/97 -0500, George Humphrey wrote:

>BAers,

>

>I tried for about an hour tonight to unsolder a  
>twist tab capacitor that I need to remove from  
>an aluminum chassis. I gave up. Is there some  
>trick or special equipment that will make this job  
>easier?

>

>73s George KC5WBV

>73 George KC5WBV

>gah@koyote.com

>

Hi George... This is something I wrote, mostly about removal from pc boards, but it applies to your situation as well. The idea is to get all the solder/whatever that you can off the tabs BEFORE you try and straighten them. Then straighten, remove more solder if necessary, and pull. Following is more detailed, but again, mostly about removal from pc boards.

If you are not trying to recover the cap itself, twist/cut everything loose that you can with the aim of not damaging anything else. Then use solder braid, and some of your own rosin flux.

If you are trying to recover the cap, then first remove all the solder you can, including any around the twisted aluminum mounting tabs (no, that didn't solder them, but it does stick and provide a sort of glue-don't laugh: I've seen it done commercially.) The object with printed circuit tabs is to get off most of the solder here-but not necessarily all... the twist-if present-makes this somewhat more difficult. Take a pair of pliers and untwist the tabs, squeezing 'til they are very nice and straight. DO NOT FLEX THE PC TRACE IN ANY DIRECTION-ESPECIALLY "UP". When they are as straight as possible, THEN try and remove ALL the solder-including any making a bridge out to the tab. Again, use solder braid and extra flux as necessary. If you can get it down to one troublesome tab, you can heat and flex that ONE out a bit at a time. Two won't work. Keep trying 'til you get to one or zero.

If you are trying to recover the cap AND the PC trace(s) good luck. Most of the time with desoldering you must make a choice.

One or two final points... for mass solder removal, solder suckers are fine. They have a couple of drawbacks: unless specifically conductive, they are static-prone; they splash very fine solder bits and pieces all around the joint you are trying to clear... these are VERY dangerous short-makers

Solder braid is great. It comes in many sizes, and lifts small areas without difficulty or splashing... but if applied too long or too hard or with lateral pressure can lift pads very easily... so you have to be careful. You CANNOT just take coax braid and use it for solder removal. It isn't solder braid-despite the occasional recommendation otherwise. The reason/difference is that solder braid has rosin flux built-in. The required temperature difference as well as the solder absorption capability is vastly different. If you want to destroy both the component and the pc board trace/pad go ahead and cheap-out. Even using your own flux won't make up the difference unless you are using braid from RG-274 or whatever small stuff. Anything larger on pc bds is simply very unwise. I often use a little flux WITH solder braid in tough removals. And finally, you MUST snip the used portion from the braid after EACH use. The flux from that area is gone and you need it. Cut 1/8" more than was used. After you are finished, ALWAYS remove all that flux. I never leave flux anywhere. It is conductive as far as MOSFETs and CMOS are concerned, and it's unsightly anyway.

Ed Tanton    N4XY                      EMAIL: n4xy@bellsouth.net  
189 Pioneer Trail  
Marietta, GA    30068-3466          TEL: (770)579-3933 V/MBX/FAX

INTERESTS: DX QRP BoatAnchors Test Equipment Photography  
CW: 99.9% QRP: 95-100% (Mood swings!) Mercury Paddle #0214

Date: Thu, 12 Jun 1997 02:53:07 UTC  
From: joelutz@juno.com (Joseph W Lutz)  
To: HEATH@LISTSERV.TEMPE.GOV  
Cc: boatanchors@theporch.com, BOATANCHORS@LISTSERV.TEMPE.GOV  
Subject: Manuals needed  
Message-ID: <19970612.043248.3022.2.JOELUTZ@juno.com>

Hi All,

Just got two new acquisitions and need some manuals. Will pay usual copying and mailing charges. Thanks.

Manual need for:

Heathkit HW-12 [also need one knob for the unit];

Hallicrafters HA-1 T0 Keyer;

EFJ Adventurer.

Thanks in advance.

73 de JOE

- - - - -W7LPF/4 (NNN0KU) - - - - -  
QWCA - NCVA - SOWP - FISTS  
Gordonsville, Va 22942 (Orange County)  
Looking for: Heathkit HR/HX-20, MR/MT-1,  
Collins 516F-2, 312B-4, EFJ TR Switch  
- - - - -

-----  
Date: Thu, 12 Jun 1997 04:32:10 UTC  
From: joelutz@juno.com (Joseph W Lutz)  
To: HEATH@LISTSERV.TEMPE.GOV  
Cc: boatanchors@theporch.com  
Subject: Heathkit Service Bulletins - Cont.  
Message-ID: <19970612.043248.3022.3.JOELUTZ@juno.com>

Hi All,

Following is some more that I have pulled off the Fiche - enjoy!

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June 15, 1967

HW-12

	Bulletin No.
80M SSB Transceiver	VFO Drift
HW-12-1D	

An incorrect shipment of coils has been included in a recent production run of the HW-12, HW-22 & HW-32.

The coil Part Number is 52-25 & has a N-750 ceramic installed inside the can...rather than a silver mica.

The mis-manufactured coil causes drifting in the circuit...which can be corrected by replacing with a NO, 52-25 of proper construction. All stock currently on hand in the parts dept is correctly manufactured.

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April 15, 1968

HW-12

Bulletin No:

80M SSB Transceiver                      IF Feedback in Receive Mode  
HW-12-2D

R-121 may be changed from 12K ohm to 22K ohm 2W (Part NO. 1-11-2) to stop IF feedback in receive operation.

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April 18, 1968

HW-12

Bulletin No:

80M SSB Transceiver                      IF Oscillating  
HW-12-3D

DELETE:        (2) I-16                      (5) RESISTOR, 4.7K OHM  
ADD            :        (2) I-16                      (6) RESISTOR, 4.7K OHM

DELETE:        (2) I-22                      (5) RESISTOR, 22K OHM  
ADD            :        (2) I-22                      (4) RESISTOR, 22K OHM

DELETE:        (4) 83-69-4                      (1) CIRCUIT BOARD, 85-69 SCREENED  
ADD            :        (4) 85-69-9                      (1) CIRCUIT BOARD, 85-69 SCREENED

NOTE:        (R91) will reduce action of the S-Meter.

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September 26,

1968

HW-16

Bulletin No:

Novice Transmitter                      Side Tone  
HW-16-1

When using the HW-16 with a VFO sometime a partial operation of the sidetone oscillator takes place due to an increased loading on the bias



voltage. This can be corrected by changing R-69 from a 120K ohm resistor to a 220K ohm resistor (PN 1-29). Also, the original schematic shows R-16 as a 4700 ohm resistor which is incorrect. R-16 should be shown as a 5600 ohm resistor.

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May 23, 1974

SB-100 Diode leakage in the SB-100, SB-101, HW-100

Bulletin No:  
SSB Transceiver

SB-100-1

The silicon diodes used in the SB100 & SB101 are standard power diodes rated at 500PIV & 750MA. For each condition described, the diodes should be replaced with an equal value to maintain proper operation.

1. Diodes D902 & D903, when leaky, will have an effect on ALC indication. The ALC indication will be normal for the first half hour to an hour. Then the meter indication will start dropping off until there is very little indication.
2. D101, when leaky or defective, will cause slow or no receiver recovery after transmitting for any period of time.
3. D905, under leaky conditions, will cause very slow or no receiver recovery and false meter indications. The meter will kick up scale & slowly drift down to zero.
4. D201 will result in a decrease in VOX sensitivity to the point where the VOX circuit will not be activated. It can also result in increasing VOX delay, causing the relay to stay in the transmit condition.

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May 23, 1974

SB-100 Alternate Method of Neutralizing The Final

Bulletin No:  
SSB Transceiver

Amplifiers

SB-100-2

1. Disconnect final plates & screen grid.\*\*\*
2. Turn unit on.
3. Rotate the BAND switch to 28.5.
4. Place the VTVM RF probe in the ANTENNA connector.\*\*
5. Set the FUNCTION switch to TUNE.
6. Rotate the LEVEL control fully clockwise.
7. Adjust the PRESELECTOR control for a maximum reading on the VTVM.

8. Adjust the FINAL control for a maximum indication on the VTVM, with the LOAD control set at the 50 ohm position.
  9. Using an insulated screwdriver, adjust neutralizing capacitor for a MINIMUM indication on the VTVM.
  10. Readjust the neutralizing capacitor for a minimum indication on the VTVM.
  11. Turn the FUNCTION switch to the off position.
  12. Discharge high voltage power supply capacitors.
  13. Reconnect final plates & screen grid.
- \*\*VTVM & RF probe will be needed.
- \*\*\*To remove screen voltage in SB-100, SB-101, HW-100 & HW-101 disconnect R920 (100 ohm resistor) from buss wire between pins of V8 & V9. In the SB-102 removal of accessory plug is all that's required. To remove high voltage in SB-100, SB-101 & SB-102 disconnect red wire at lug 4 (in SB-100 lug 3) of terminal strip BK that goes to grommet BL. In HW100 & HW101 disconnect red wire going to lug 1 of RF choke in final cage.

NOTE: Take adequate steps to eliminate any possible contact with B+ or B+ shorts to chassis after disconnecting wire & resistor.

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Okay gang - it's past midnight and I just finished watching game 5 of NBA playoffs and ran up to type in between of periods, etc. Time for nite - nite. More to follow, and as stated before - any specific Heathkit SVC Bulletins you would like please let me know and I will check fiche for same and pull them off. FYI: The fiche contains everything manufactured by Heathkit during the aforementioned time period. Ciao!

73 de JOE

- - - - -W7LPF/4 (NNN0KUJ)- - - - -  
QWCA - NCVA - SOWP - FISTS  
Gordonsville, Va 22942 (Orange County)  
Looking for: Heathkit HR/HX-20, MR/MT-1,  
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End of BOATANCHORS Digest 1493

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